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# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

*January 07, 2005*

**THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE.**

**APPLICATION NUMBER: 60/530,376**

**FILING DATE: *December 17, 2003***

**RELATED PCT APPLICATION NUMBER: PCT/US04/42099**



Certified By

Jon W Dudas

Under Secretary  
of Commerce for Intellectual Property  
and Acting Director of the  
United States Patent and Trademark Office

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Application No.: Unassigned

Group Art Unit: Unassigned

Filing Date: December 17, 2003

Examiner: Unassigned

Title: Hopper for Tablet Press Feeder System



PROVISIONAL APPLICATION TRANSMITTAL LETTER

MAIL STOP PROVISIONAL PATENT APPLICATION

Customer Number **2 1 8 3 9**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request for filing a Provisional Application for Patent under 37 C.F.R. § 1.53(c) without a Cover Sheet. Enclosed for filing is the provisional application for

**Hopper for Tablet Press Feeder System**

including:

- ☒ 1 pages of specification;  
☒ 2 sheets of drawings; and



☐ Small entity status is hereby claimed.

A Cover Sheet for completion of the present provisional application will be subsequently filed together with a surcharge under 37 C.F.R. § 1.16(l) in accordance with 37 C.F.R. § 1.53(g). Issuance of notification of the granting of a filing date under 37 C.F.R. § 1.53(c) and notification of when the cover sheet is due to be filed in accordance with 37 C.F.R. § 1.53(g) are requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

  
Stephen J. Tytran

Registration No. 45,846

Filed: December 17, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" Mailing Label No.: EV 171996357 US Date of Deposit: December 17, 2003

  
Donnie S. Dietrich

Typed Name:

**BURNS DOANE**

BURNS DOANE SWECKER & MATHIS LLP  
ATTORNEYS AT LAW

PROVISIONAL APPLICATION TRANSMITTAL  
LETTER

Customer Number **2 1 8 3 9**PTO/SB/16 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0037  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 C.F.R. § 1.53(c).

<b>Docket Number</b>		018931-031	<b>Type a plus sign (+) inside this box</b>	+
<b>INVENTOR(s)/APPLICANT(s)</b>				
<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>MIDDLE INITIAL</b>	<b>RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)</b>	
OYOLA	Casimiro		North Carolina	
<input type="checkbox"/> Additional inventors are being named on the ____ separately numbered sheets attached hereto.				
<b>TITLE OF THE INVENTION (500 characters max)</b>				
Hopper for Tablet Press Feeder System				
<b>CORRESPONDENCE ADDRESS</b>				
Burns, Doane, Swecker & Mathis, L.L.P. Customer Number <b>2 1 8 3 9</b> Post Office Box 1404 Alexandria				
<b>STATE</b>	Virginia	<b>ZIP CODE</b>	22313-1404	<b>COUNTRY</b> United States of America
<b>ENCLOSED APPLICATION PARTS (check all that apply)</b>				
<input checked="" type="checkbox"/> Specification    Number of Pages    1 <input type="checkbox"/> Other (specify)				
<input checked="" type="checkbox"/> Drawing(s)    Number of Sheets    2				
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76				
<b>METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)</b>				
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27.		<b>PROVISIONAL FILING FEE AMOUNT(S)</b>	<input type="checkbox"/> \$80.00 (2005)	
<input type="checkbox"/> A check or money order is enclosed to cover the Provisional filing fees.				
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any deficiency in filing fees or credit any overpayment to Deposit Account No. 02-4800. This paper is submitted in duplicate.			<input checked="" type="checkbox"/> \$160.00 (1005)	

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.☐ Yes, the name of the U.S. Government agency and the Government contract number are:

Respectfully submitted,

SIGNATURE



DATE

December 17, 2003

TYPED or PRINTED NAME

Stephen J. Tytran

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45,846

(if appropriate)

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Date of Deposit: December 17, 2003



Donnie S. Dietrich

Typed Name:



21839

## **HOPPER FOR TABLET PRESS FEEDER SYSTEM**

### **BACKGROUND**

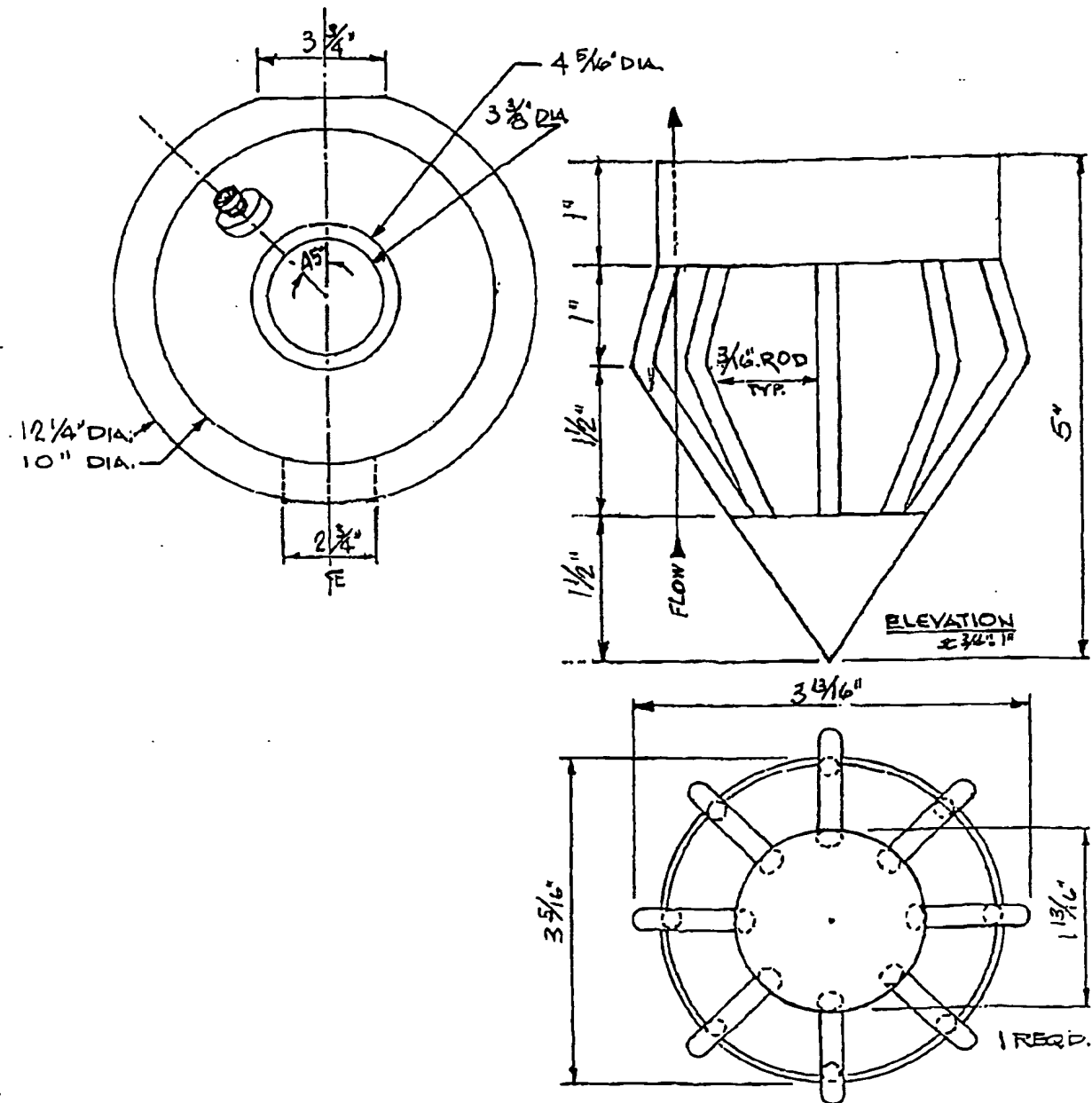
The invention relates to feeder systems, and more particularly to a hopper for use with press feeder systems that can be used to form tablets.

### **DETAILED DESCRIPTION**

Figure 1 depicts front and left elevations of an exemplary embodiment of a hopper for use in a tablet press feeder system. Figure 2 depicts front, top, and bottom elevations of a velocity reducer for use in conjunction with the hopper depicted in figure 1.

[illegible]

Figure 2



# Document made available under the Patent Cooperation Treaty (PCT)

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World Intellectual Property Organization (WIPO) - Geneva, Switzerland  
Organisation Mondiale de la Propriété Intellectuelle (OMPI) - Genève, Suisse